

ADDSiL™ 11060

SILICONE SURFACTANT for PU RIGID FOAM

INTRODUCTION

ADDSiL™ 11060 silicone surfactant is a non-hydrolysable polyether polydimethylsiloxane copolymer.

FEATURES

Fine Cells Texture	■ ■
Emulsification	■ ■ ■
Solubility	■ ■ ■
Flow Ability	■ ■
Dimensional Stability	■ ■
Void Reduction	■

TYPICAL PHYSICAL PROPERTIES

Appearance	Transparent viscous liquid
Viscosity _{25°C}	700+/-250 mPa.s
Density _{25°C}	1.07+/-0.02 g/cm ³
Freezing point	Max. 12 °C
pH (4% water solution)	6.0+/-1.5
Water (%)	Max. 0.3

APPLICATIONS

ADDSiL™ 11060 has excellent emulsifying ability and good solubility for polyester polyol or polyether polyol, pentane and water, to ensure a homogeneous mixing of foaming materials, remaining miscible for a long time, so that an ideal storage stability in the polyester polyol or polyether polyol system can be obtained.

In addition, ADDSiL™ 11060 provides fine, evenly-distributed cells in foamed plastic with increased mechanical strength and low coefficient of heat conduction.

ADDSiL™ 11060 is mainly used for manufacturing polyester polyurethane and polyether polyurethane rigid foam plastic, and is a foam stabilizer for PIR foaming process.

ADDSiL™ 11060 is also suitable for the production of various kinds of polyester polyols such as terephthalic acid based polyester polyol and adipic acid based polyester polyol.

ADD*SiL*TM 11060

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The recommended concentration of this product is 2% of polyol (php).

PACKING AND STORAGE

ADD*SiL*TM 11050 surfactant will become hazy when stored at temperatures below 20°C and will solidify to a soft wax at temperatures below 10°C. The product should be warmed to room temperature and stirred before use.

ADD*SiL*TM 11050 is supplied in net weight 200Kg steel drum or 1000Kg IBC tote.

When stored at ambient temperature in the original unopened packing, ADD*SiL*TM 11050 has a shelf life of 12 months from the date of production.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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Please send all technical questions concerning quality and product safety to: support@SiSiB.com.